

CLAIM AMENDMENTS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of making a digital subscriber line (DSL) connection to a remote network, the method comprising:
detecting, at a DSL modem coupled to a local network, a presence of a powered-on network capable device that is connected to ~~[[a]] the DSL modem on a~~ via the local network, the local network including at least one network capable device that contains a graphical activation display icon to illustrate a connection status of the powered-on network capable device with respect to the DSL modem wherein in response to receiving a user command, the graphical activation display icon selectively connects the powered-on network capable device to the DSL modem;
establishing a network connection over a DSL line to a remote network after detecting the presence of the powered-on network capable device that is connected to the DSL modem on the local network;
disconnecting the network connection over the DSL line to the remote network after detecting an absence of one or more powered-on network capable devices of the at least one network capable device connected to the DSL modem on the local network; and
releasing network resources supported by the remote network after the network connection is disconnected.
2. (Previously Presented) The method of claim 1, further comprising assigning a dynamic lease to the powered-on network capable device.
3. (Original) The method of claim 2, further comprising determining when the dynamic lease expires.
4. (Previously Presented) The method of claim 3, further comprising disconnecting the network connection over the DSL line after detecting that the dynamic lease has expired.

5. – 12. (Cancelled).

13. (Currently Amended) A digital subscriber line communication system comprising: a digital subscriber line (DSL) router including connection detection logic to detect the presence of a powered-on network capable device that is connected to the DSL router via a local network, wherein the local network includes at least one network capable device that contains a graphical activation display icon to illustrate a connection status of the powered-on network capable device with respect to the DSL router and, in response to receiving a user command, the graphical activation display icon selectively connects the powered-on network capable device to the DSL router; and a digital subscriber line between the DSL router and a remote network, wherein a network connection is made over the digital subscriber line to the remote network after the connection detection logic detects the presence of the powered-on network capable device that is connected to the DSL router via the local network.

14. (Previously Presented) The system of claim 13, wherein the DSL router terminates the network connection to the remote network over the digital subscriber line after detecting an absence of any network capable devices connected to the DSL router via the local network.

15. (Previously Presented) The system of claim 14, wherein the DSL router initiates release of network resources supported by a digital subscriber line network connection after the network connection has been terminated.

16. (Original) The system of claim 14, wherein the network connection is a point to point over Ethernet connection.

17. (Currently Amended) A digital subscriber line (DSL) communication system comprising:

a DSL router coupled to a local network, the DSL router including:

lease assignment logic to dynamically assign a lease to a network capable device to permit subsequent connection to a remote network; and wherein the DSL router is connected to a local network and

connection detection logic to detect the presence of a powered-on network capable device that is connected to the DSL router via the local network,

wherein the local network includes at least one network capable device that contains a graphical activation display icon to illustrate a connection status of the at least one network capable device with respect to the remote network and, in response to receiving a user command, the graphical activation display icon selectively connects the at least one network capable device to the remote network; and

a digital subscriber line between the DSL router and the remote network, wherein a network connection is made over the digital subscriber line after the lease assignment logic has assigned a lease to the network capable device.

18. (Previously Presented) The DSL communication system of claim 17, wherein the DSL router determines that the dynamically assigned lease has expired and terminates the network connection over the digital subscriber line after detecting that the lease has expired.

19. (Currently Amended) A system comprising:

a network capable device detection module in a housing of a DSL router coupled to a local network, wherein the network capable device detection module is configured to determine whether a powered-on network capable device is connected to the DSL router ~~on a~~ via the local network, the local network including at least one network capable device that contains a graphical activation display icon to illustrate a connection status of the powered-on network capable device with respect to the DSL router and, in response to receiving a user command, the graphical activation display icon selectively connects the powered-on network capable device to the DSL router; and

a ~~DSL modem~~ connection module in the housing of the DSL router, wherein the ~~DSL modem~~ connection module is configured to initiate a connection to a remote network when the network capable device detection module determines that at least one powered-on network capable device is connected to the DSL router on the local network.

20. (Previously Presented) The DSL router of claim 19, wherein the network capable device detection module is further configured to detect an absence of a network capable device connected to the DSL router on the local network.

21. (Previously Presented) The DSL router of claim 19, wherein the DSL modem is further configured to terminate the connection to the remote network when no network capable device is connected to the DSL router on the local network.

22. (Previously Presented) The DSL router of claim 19, further comprising a dynamic lease assignment module, wherein the dynamic lease assignment module is configured to assign a dynamic lease to a network capable device on the local network, and wherein the DSL modem is further configured to terminate the connection to the remote network after an assigned dynamic lease has expired.